

WHAT IS CLAIMED IS:

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5 1. A heat exchanger having mounting members to which a blower is to be attached, comprising
a plurality of metallic tubes through which fluid flows, and

10 a pair of metallic header tanks of a rectangular cross section communicating with the plurality of tubes; the header tanks being arranged at lengthwise opposite ends of the tubes and extending perpendicular to the lengthwise direction of the tubes, wherein the mounting member are secured to a longer side wall surface of the header tank, and
reinforcements are provided in the mounting members on the sides to be in contact with the
15 longer side wall surface, for strengthening the longer side wall surface.

2. A heat exchanger having mounting members to which a blower is to be attached, comprising
a plurality of metallic tubes through
20 which fluid flows, and

a pair of metallic header tanks of a rectangular cross section communicating with the plurality of tubes; the header tanks being arranged at lengthwise opposite ends of the tubes and extending
25 perpendicular to the lengthwise direction of the tubes, wherein concave and convex portions are formed in a portion of a longer side wall surface of the header tank by the plastic deformation thereof, mounting members are secured to other
30 portions of the longer side wall surface having no concave and convex portions, and

reinforcements are provided in the mounting members on the sides to be in contact with the longer side wall surface, for strengthening the longer
35 side wall surface.

3. A heat exchanger as defined by claim 1, wherein the reinforcements are provided in the manner that each

of the reinforcements extends from a middle point of the longer side wall surface in the longer side direction toward the opposite sides along the longer side direction.

5 4. A heat exchanger as defined by claim 2, wherein the reinforcements are provided in the manner that each of the reinforcements extends from a middle point of the longer side wall surface in the longer side direction toward the opposite sides along the longer side
10 direction.

5. A heat exchanger as defined by claim 1, wherein the reinforcement has a tapered section so that a cross-sectional area of the reinforcement increases as approaching the wall surface of the header tank.

15 6. A heat exchanger as defined by claim 2, wherein the reinforcement has a tapered section so that a cross-sectional area of the reinforcement increases as approaching the wall surface of the header tank.

7. A heat exchanger as defined by claim 1, wherein
20 the reinforcement and the mounting member are integrally formed.

8. A heat exchanger as defined by claim 2, wherein the reinforcement and the mounting member are integrally formed.

25 9. A heat exchanger as defined by claim 1, wherein the reinforcement and the mounting member are formed separately from each other and then brazed for incorporating with each other.

30 10. A heat exchanger as defined by claim 2, wherein the reinforcement and the mounting member are formed separately from each other and then brazed for incorporating with each other.

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